
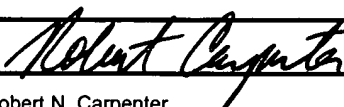



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	Application Number	10/634,455
	Filing Date	August 4, 2003
	First Named Inventor	David J. Carpenter
	Art Unit	2837
	Examiner Name	J. Donels
Total Number of Pages in This Submission		Attorney Docket Number 101/06

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature			
Printed name	Robert N. Carpenter		
Date	5/19/06	Reg. No.	40,409

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Robert N. Carpenter	Date	5/19/06

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: David J. Carpenter)
)
Filed: August 4, 2003)
) Group Art Unit: 2837
Serial No.: 10/634,455)
) Examiner: J. Donels
Title: Electronic Tuning System and Methods of)
Using Same)
)
Atty Docket No.: 101-06)

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.97 AND 1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicants wish to bring the following information to the attention of the Examiner in connection with the subject application. Attached hereto please find Form PTO-1449, on which the citations are listed, and copies of citations 14 34, and 37-43. Copies of citations 1-13, 15-33, 35-36, and 44-45 were provided in parent case Ser. No. 09/835,259.

This Disclosure Statement is not intended to substitute for the Examiner's own search. It is believed, however, that this Disclosure Statement will assist the Examiner in the search. The Examiner is expressly requested to review each item cited herein and to make all of the cited items of record in this case as having been considered. The completed Form PTO-1449 is attached for this purpose.

.....
CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on this 19th day of May 2006.


Robert N. Carpenter

Citation of the items herein is not to be construed as an admission that the information is within the scope and content of the prior art relevant to the present invention, that the information is prior in time to a particular date which may be relevant to the present patent application, that the information is otherwise prior art with respect to the present invention, or that the information cited is material to the claims. In addition, applicants reserve the right to later set forth how the present invention is distinguished over the disclosure of any document or other prior art, including the information cited herein.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert N. Carpenter", written over a horizontal line.

Robert N. Carpenter
Registration No. 40,409
Attorney for Applicants

Robert N. Carpenter
210 Birchwood Ave.
Deerfield IL 60015
847-317-0512

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/634,455
Filing Date	August 4, 2003
First Named Inventor	David J. Carpenter
Art Unit	2837
Examiner Name	J. Donels
Attorney Docket Number	101/06

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 2,924,776	2/1960	Peterson	
	2	US- 2,958,250	11/1960	Poehler	
	3	US- 3,509,454	4/1970	Gossel	
	4	US- 3,631,756	1/1972	Mackworth-Young	
	5	US- 3,696,293	10/1972	Hoffman et al.	
	6	US- 3,722,353	3/1973	Westhaver	
	7	US- 3,766,818	10/1973	Prohofsky	
	8	US- 3,901,120	8/1975	Youngquist	
	9	US- 3,968,719	7/1976	Sanderson	
	10	US- 3,982,184	9/1976	Sanderson	
	11	US- 4,014,242	3/1977	Sanderson	
	12	US- 4,018,124	4/1977	Rosado	
	13	US- 4,142,434	3/1979	Gross	
	14	US- 4,242,935	1/1981	Peterson et al.	
	15	US- 4,429,609	2/1984	Warrender	
	16	US- 4,732,071	3/1988	Deutsch	
	17	US- 4,796,509	1/1989	Mizuguchi et al.	
	18	US- 4,991,484	2/1991	Kawashima	
	19	US- 5,016,515	5/1991	Scott	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Attorney Docket Number	101/06

Sheet

2

of

4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	20	US- 5,056,398	10/1991	Adamson	
	21	US- 5,111,392	5/1992	Malin	
	22	US- 5,202,528	4/1993	Iwaoji	
	23	US- 5,285,711	2/1994	Sanderson	
	24	US- 5,349,130	9/1994	Iwaoji	
	25	US- 5,388,496	2/1995	Miller et al	
	26	US- 5,396,827	3/1995	Miller et al	
	27	US- 5,440,756	8/1995	Larson	
	28	US- 5,549,028	8/1996	Steinberger	
	29	US- 5,719,343	2/1998	Reyburn	
	30	US- 5,773,737	6/1998	Reyburn	
	31	US- 5,777,248	7/1998	Campbell	
	32	US- 5,780,759	7/1998	Szalay	
	33	US- 5,814,748	9/1998	Reyburn	
	34	US- 5,902,946	5/1999	Kogure et al.	
	35	US- 5,929,358	7/1999	Reyburn	
	36	US- 6,066,790	5/2000	Freeland et al	
	37	US- 6,137,046	10/2000	Kamiya	
	38	US- 6,529,843	3/2003	Carpenter	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		First Named Inventor	David J. Carpenter
		Art Unit	2837
		Examiner Name	J. Donels
Sheet 4	of 4	Attorney Docket Number	101/06

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	41	LATTARD, Influence of inharmonicity on the tuning of a piano-Measurements and mathematical simulation, J. ACOUST. SOC. AM. 94 (1), pp. 46-53, July 1993	
	42	FLETCHER, Normal Vibration Frequencies of a Stiff Piano String, J. ACOUST. SOC. AM. 36 (1), pp. 203-209, January 1964	
	43	YOUNG, Inharmonicity of Plain Wire Piano Strings, J. ACOUST. SOC. AM. 24 (3), pp. 267-273, May 1952.	
	44	ROBERTS, The Calculating Technician (1990), pp. 29-46.	
	45	BALDASSIN, On Pitch (1994), pp. 1-112 (entire book).	

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